Datasheet

WatchGuard® XTM 8 Series

WITH A NEXT-GENERATION XTM 8 SERIES FIREWALL, YOUR NETWORK IS:

SECURE

- Content inspection at the application layer recognizes and blocks threats that stateful packet firewalls cannot detect.
- Wide-ranging proxy protection provides robust security on HTTP, HTTPS, FTP, SMTP, POP3, DNS, TCP/UDP.
- Application Control, an essential component of true next-generation security, is an easy-to-deploy security subscription that keeps unproductive, inappropriate, and dangerous applications off-limits.
- Intrusion Prevention Service, another fundamental element of next-generation protection, is available via subscription to stop attacks that comply with standard protocols but carry malicious content.

FAST and EFFICIENT

- Up to 6.5 Gbps firewall throughput and up to 1.7 Gbps VPN throughput keep data moving.
- Ten 1GgE ports support high-speed LAN backbone infrastructures and gigabit WAN connections.
- Active/active high availability with load balancing ensures maximum network uptime.
- Scriptable CLI supports interoperability and allows easy integration into existing infrastructure.
- Interactive, real-time monitoring and reporting – at no additional charge – give an unobstructed view into network security activity so you can take immediate preventive or corrective actions.
- Intuitive management console centrally manages all security functions.
- Role-based access control (RBAC) allows lead administrators to create custom roles for granular control.
- Drag-and-drop Branch Office VPN setup – three clicks and your remote office is connected.

FLEXIBLE

- WAN and VPN failover provide redundancy for increased reliability.
- Multiple VPN choices deliver flexibility in remote access. Includes IPSec, SSL, and support for iOS devices such as iPhone, iPad, and iPod touch.
- To maximize port utilization, any of the 10 ports can be configured as Trusted, External, or DMZ.

SCALABLE

- Add powerful security subscriptions to block spam, control dangerous and inappropriate application usage and web surfing, prevent network intrusions, and stop viruses, spyware, and other malware at the gateway.
- Upgrade to a higher model within the line for more performance and capacity with a simple license key.

PREPARED FOR TOMORROW'S CHALLENGES

- Multi-layered, interlocking security protects the network while throughput remains high. No need to compromise protection for strong performance or vice versa.
- Advanced networking features ensure reliability and the flexibility to meet changing business requirements.
- Secure remote connectivity keeps mobile workforce online and productive.
- Monitoring and reporting tools, included at no extra cost, support industry and regulatory compliance, with drill-down functions that make it easy to pinpoint specific activities.

RECOMMENDED FOR MIDSIZE BUSINESSES

WatchGuard XTM 8 Series appliances are next-generation firewalls (NGFWs) that deliver a new class of performance-driven security. With up to 6.5 Gbps firewall throughput and security features including full HTTPS inspection and VoIP support, businesses no longer need to compromise on security to meet increasing network demands.

WHY BUY A NEXT-GENERATION FIREWALL?

WatchGuard's NGFW products provide true line-speed security inspection on all traffic. In addition, the NGFW line can deliver application control and intrustion prevention; connects offices via unique drag-and-drop VPN; connects people via SSL and IPSec VPN; and gives businesses unparalleled visibility into real-time and historical user, network, and security activities.

With WatchGuard's 8 Series NGFW, businesses can define, enforce, and audit strong security and acceptable use policies, resulting in increased employee productivity and less risk to critical intellectual property or customer data.

"We are extremely satisfied with WatchGuard...
switching to a single provider has made our internal
IT department's work considerably easier."

Martin Kron
Head of IT and Central Service
Novoferm GmbH

XTM 8 SERIES	XTM 810	820	830/830-F
THROUGHPUT & CONNECTIONS			
Firewall throughput*	4.5 Gbps	5.5 Gbps	6.5 Gbps
VPN throughput*	1 Gbps	1.4 Gbps	1.7 Gbps
AV throughput*	2 Gbps	2.1 Gbps	2.3 Gbps
IPS throughput*	2.1 Gbps	2.4 Gbps	2.7 Gbps
UTM throughput*	1.3 Gbps	1.3 Gbps	1.4 Gbps
Interfaces 10/100/1000	10 copper	10 copper	10 copper**
I/O interfaces	1 Serial 2 USB	1 Serial 2 USB	1 Serial 2 USB
Nodes supported (LAN IPs)	Unrestricted	Unrestricted	Unrestricted
Concurrent connections (bi-directional)	500,000	750,000	1,000,000
New connections per second	38,000	38,000	38,000
VLANs bridging, tagging, routed mode	200	300	400
Authenticated users limit	4,000	5,000	6,000
VPN TUNNELS			
Branch Office VPN	1,000	2,000	6,000
Mobile VPN IPSec (incl/max)	600/2,000	700/6,000	800/8,000
Mobile VPN SSL	1,000	4,000	6,000

SECURITY FEATURES	
Firewall	Stateful packet inspection, deep packet inspection, proxy firewall
Application proxies	HTTP, HTTPS, SMTP, FTP, DNS, TCP, POP3
Threat protection	Blocks spyware, DoS attacks, fragmented packets, malformed packets, blended threats, and more
VoIP	H.323, SIP, call setup and session security
Security subscriptions	Application Control, Intrusion Prevention Service, Gateway AntiVirus, Reputation Enabled Defense, WebBlocker, spamBlocker
VPN & AUTHENTICATION	
Encryption	DES, 3DES, AES 128-, 192-, 256-bit
IPSec	SHA-1, MD5, IKE pre-shared key, 3rd party cert import
VPN failover	Yes
SSL	Thin client, Web exchange
PPTP	Server and Passthrough
Single sign-on	Transparent Active Directory Authentication
XAUTH	RADIUS, LDAP, Secure LDAP, Windows Active Directory
Other user authentication	VASCO, RSA SecurID, web-based, local, Microsoft Terminal Services and Citrix
MANAGEMENT	
Management platform	WatchGuard System Manager (WSM) v11 or higher
Alarms and notifications	SNMP v2/v3, Email, Management System Alert
Server support	Logging, Reporting, Quarantine, WebBlocker, Management
Web UI	Supports Windows, Mac, Linux, OS
Command line interface	Includes direct connect and scripting
STANDARD NETWORKING	
QoS	8 priority queues, DiffServ, modified strict queuing
IP address assignment	Static, DHCP (server, client, relay), PPPoE, DynDNS
CERTIFICATIONS	
Security	ICSA Firewall, ICSA IPSec VPN, CC EAL4+ Review Pending: FIPS 140-2
Safety	NRTL/C, CB
Network	IPv6 Ready Gold (routing)
Control of hazardous substances	WEEE, RoHS, REACH

POWERED BY FIREWARE® XTM PRO

Every WatchGuard XTM 8 Series appliance ships with the Pro version of the Fireware XTM operating system, providing the advanced networking features that demanding networks require.

NETWORKING FEATURES	FIREWARE XTM PRO
Routing	Static Dynamic (BGP4, OSPF, RIP v1/v2) Policy-based
High Availability	Active/passive, active/active with load balancing
NAT	Static, dynamic, 1:1, IPSec traversal, policy-based Virtual IP for server load balancing
Other Features	Port Independence, Multi-WAN failover Transparent/drop-in mode, Multi-WAN load balancing, Server load balancing

DIMENSIONS AND POWER

Product Dimensions	16.0" x 16.9" x 1.75" (40.7 x 43.0 x 4.4 cm)
Shipping Dimensions	21.26" x 22.25" x 5.12" (54.0 x 56.6 x 13.0 cm)
Shipping Weight	19.5 lbs (8.85 Kg)
AC Power	100-240 VAC Autosensing
Power Consumption	U.S. 215 Watts (max), 734 BTU/hr (max)
Rack Mountable	1U rack mount kit included

ENVIRONMENT

	OPERATING	STORAGE
Temperature	32° F to 113° F 0° C to 45° C	-40° F to 158° F -40° C to 70° C
Relative Humidity	10% to 85% non-condensing	10% to 95% non-condensing
Altitude	0 to 9,843 ft at 95° F (3,000 m at 35° C)	0 to 15,000 ft at 95° F (4,570 m at 35° C)
MTBF	50,174 hours @ 77° F (25° C)	

EXPERT GUIDANCE AND SUPPORT

An initial subscription to LiveSecurity® Service is included with every XTM 8 Series appliance. LiveSecurity provides hardware warranty with advance hardware replacement, 12/5 or 24/7 technical support, software updates, and concise threat alerts.

NEXT-GENERATION SECURITY COMES BUNDLED

Protect your network with the next generation of security technology. The 8 Series NGFW Bundle includes choice of XTM 8 Series appliance, plus Application Control, Intrusion Prevention Service, and LiveSecurity Plus with 24/7 tech support. Or choose the XTM Security Bundle, with appliance, all six security subscriptions, and LiveSecurity Plus. An excellent value when you buy together and save.

*Throughput rates will vary based on environment and configuration. Contact your WatchGuard reseller or call WatchGuard directly (1.800.734.9905) for help determining the right model for your network.
**XTM 830 appliances are available with 6 copper and 4 fiber 10/100/1000 interfaces under the model number XTM 830-F.

U.S. SALES 1.800.734.9905 INTERNATIONAL SALES +1.206.613.0895 www.watchguard.com

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